G O V E R N M E N T O F K A R N A T A K A

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N R SQAURE, BANGALORE-560002

Tender for Raising and Maintenance of Compensatory Afforestation (K-RIDE Project (BSRP Project Corridor 02, Package 1 extending from Lottegollahalli to Chikkabanavara)in BBMP South Zone, in and arround NICE Road, 4890 Plants during the year 2023-24 and its maintenance (up to 5 years) during the year 2028-29, Block-2

Tender Reference number: DCF/RMCA/05/23-24

Tender Schedule

1.	Tender Reference No.	:	DCF/RMCA/05/23-24
2.	Date of Commencement of Download of Document from e-Procurement website http://kppp.karnataka.gov.in portal	:	From 19-06-2023 onwards
3.	Last Date and Time for uploading Online Queries in e-Procurement. http://kppp.karnataka.gov.in portal	:	23.06-2023 up to 5:00 PM
4.	Date and Time of Pre-bid Meeting	:	23-06-2023 at 05:00 PM at the following venue: Office of Deputy Conservator of Forests, BBMP Head Office, Ground floor, Annex-3 building, N.R.Square, Bangalore-02 **e-mail:** dcfbbmp12@gmail.com
5.	Last Date and Time for uploading of tenders in e-Procurement KPPP portal for	:	04-07-2023 up to 5:00 PM
6.	Date and Time of Online Opening of tender	:	05-07-2023, 5:30 PM
7.	Place of Opening of tender	:	Online at e-Procurement portal
8.	Address for Communication	:	Office of Deputy Conservator of Forests, BBMP Head Office, Ground floor, Annex-3 building, N.R.Square, Bangalore-02 **e-mail:** dcfbbmp12@gmail.com

Contents

Section No.	Description
1	INVITATION FOR TENDERS (IFT)
2	INSTRUCTIONS TO TENDERERS (ITT)
3.	QUALIFICATION INFORMATION
4.	FORM OF TENDER, LETTER OF ACCEPTANCE, NOTICE TO PROCEED
5.	CONDITIONS OF CONTRACT (CC)
6.	CONTRACT DATA
7	SPECIFICATIONS
8	DRAWINGS
9.	BILL OF QUANTITIES
10.	FORMAT OF BANK GUARANTEE FOR

SECTION 1: INVITATION FOR TENDERS (IFT)

Date: IFT No.:

1. The Deputy conservator of forest BBMP invites tenders from eligible tenderers who is holding valid BBMP (Class-1) license or Forest department government of Karnataka (Class 1) license or PWD (Class-1) license, for the works detailed in the Table below. The tenderers may submit tenders for all of the works given in the Table. ***Two Cover Tender procedure as per Rule28 of the KTPP Act will be followed. The Tenders are required to submit the tender through eprocurement https://kppp.karnataka.gov.in/portal, Technical bid containing the Earnest money deposit and the details of their capability to undertake the tender (as detailed in ITT Clause 3and 6), which will be opened first and the financial bid will be opened only if the Tenderer is found to be qualified to execute the tendered work. The Tenderers are advised to note the minimum qualification criteria specified in Clause 3 of the Instructions to Tenderers to qualify for award of the contract.***

2. Tender documents may be downloaded from the e-procurement portal of the Government of Karnataka (viz https://kppp.karnataka.gov.in/)

3. Tenders must be accompanied by earnest money deposit specified for the work in the Table below. Earnest money deposit will have to be in any one of the forms as specified in the Tender document and shall have to be valid for 45 days **beyond** the validity of the tender.

5. Other details can be seen in the tender documents.

TABLE

Sl. No.	Name of work	Approximate value of work (Rs.)	Earnest Money Deposit (Rs.)	Period of completion
1	Tender for Rising and Maintenance of Compensatory Afforestation (K-RIDE Project (BSRP Project Corridor 02, Package 1 extending from Lottegollahalli to Chikkabanavara)in BBMP South Zone, in and around NICE Road, 5000 Plants during the year 2023-24 and its maintenance (up to 5 years) during the year 2028-29, Block 1	1,52,03,010/-	2,28,045/-	2028-29

	SECTION 2: INSTRUCTIONS TO TENDERERS (ITT) Table of
A.	**General**
	1. Scope of Tender
	2. Eligible Tenderers
	3. Qualification of the Tenderer
B.	**Tender Documents**
	4. Content of Tender documents
	5. Amendment of Tender documents
C.	**Preparation of Tenders**
	6. Documents comprising the Tender
	7. Tender prices
	8. Tender validity
	9. Earnest money deposit
	10. Format and signing of Tender
D.	**Submission of Tenders**
	11 Sealing and marking of Tenders
	12 Deadline for submission of Tenders
	13 Late Tenders
	14 Modification and Withdrawal of Tenders
E.	**Tender opening and evaluation**
	15. Opening of First Cover of all Tenders and evaluation to determine qualified Tenderers
	16. Opening of Second Cover Tenders of qualified Tenders and
	17. Process to be confidential
	18. Clarification of Tenders
	19. Examination of Tenders and determination of responsiveness
	20. Correction of errors
	21. Evaluation and comparison of Tenders
F.	**Award of contract**
	22. Award criteria
	23. Employer's right to accept any Tender and to reject any or all
	24. Notification of award and signing of Agreement
	25. Security deposit
	26. Corrupt or Fraudulent practices

A.
General

1. Scope of Tender

1.1 The Deputy conservator of forest BBMP invites tenders following Two Cover tender procedure, from eligible Tenderers, for the works (as defined in these documents and referred to as "the works") detailed in the Table given in the Invitation for Tenders (IFT). The Tenderers may submit tenders for the works detailed in the table given in IFT.

2. Eligible Tenderers

2.1 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka

2.2 **Tenders from Joint ventures are not acceptable.**

3. Qualification of the Tenderer:

3.1 All Tenderers shall provide the requested information accurately and in sufficient detail in Section 3: Qualification information.

3.2 To qualify for award of this contract, each Tenderer in its name should have in the last five years i.e., 2018-19 to 2022-2023)

(a) achieved in at least two financial years an average annual financial turnover of the estimated cost of the tender.

(b) satisfactory completion as a prime contractor for at least one similar work to an extent of 50 % of the cost of Raising and Maintenance 2023-24 Work estimate the work.

(c) Clause deleted.

(d) Clause deleted.

(e) Clause deleted.

3.3 Each Tenderer should further demonstrate:

(a) Availability by owning the following key and critical equipment for this work: (a) availability by owning at least 50% of the required / specified key and critical equipment for this work and the remaining 50% can be deployed on lease / hire basis for all works provided, the relevant documents (commitment agreements etc.) for availability for this work are furnished.

(b) **liquid assets and /or availability of credit facilities of not less than 30 % of the estimated cost (Credit lines/ letter of credit/ certificates from banks for meeting the fund requirement etc.**

3.4 To qualify for a package of contracts made up of this and other contracts for which tenders are invited in this IFT, the Tenderer must demonstrate having experience and resources to meet the aggregate of the qualifying criteria for the individual contracts.

3.5 Sub-contractors' experience and resources shall not be taken into account in determining the

Tenderer's compliance with the qualifying criteria except to the extent stated in 3.2 (d) and (e) above.

3.6 Tenderers who meet the above specified minimum qualifying criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under:

Where Assessed **available tender capacity = (A*N*2.5 - B)**

A = Maximum value of works executed in any one year during the last five years *(updated to 2022-23 price level)* taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which tenders are invited.

B = Value, at 2022-23 price level, of existing commitments and on-going works to be completed during the next years *(period of completion of the works for which Tenders are invited)*

Note: *The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent.*

3.7 BBMP (Class I), Forest department (Class-I) license or or PWD (Class-I) license. Bids without valid license will be rejected.

3.2 Even though the Tenderers meet the above criteria, they are subject to be disqualified if they have:

- made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or
- participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.

B. Tender documents

4. Content of Tender documents

4.1 Technical bid and financial bid, technical bid containing all the relevant documents should be uploaded in the eprocurment https://kppp.karnataka.gov.in/portal only.

4.2 Deleted.

5. Amendment of Tender documents

5.1 Before the deadline for submission of tenders, the Employer may modify the tender documents by issuing addendum

5.2 Any addendum thus issued shall be part of the tender documents and shall be communicated in Eprocurement https://kppp.karnataka.gov.in/portal only.

5.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend as necessary the deadline for submission of tenders, in accordance with Sub-Clause 12.2 below.

C. Preparation of Tenders

6. Documents comprising the Tender

6.1 The tender submitted by the Tenderer shall be in two covers and shall contain the documents as follows:

6.1.1 First Cover:

(a) Earnest Money Deposit;

(b) Qualification Information as per formats given in Section 3;

6.1.2 Second Cover:

(a) Priced Bill of Quantities;

and any other materials required to be completed and submitted by Tenderers in accordance with these

instructions. The documents listed under Sections 3, 4, 6 and 9 shall be filled in without exception.

6.2 Tenderers submitting tenders together with other contracts stated in the IFT to form a package will so indicate in the tender together with any discounts offered for the award of more than one contract.

7. Tender prices

7.1 The contract shall be for the whole works as described in Sub-Clause 1.1, based on the priced Bill of Quantities submitted by the Tenderer.

7.2 The Tenderer shall fill in rates and prices and line-item total in the Eportal only (both in figures and words) for all items of the Works described in the Bill of Quantities along with total tender price (both in figures and words).

Items for which no rate or price is entered by the Tenderer will not be paid for by the Employer when executed and shall be deemed covered by the other rate and prices in the Bill of Quantities.

7.3 All duties, GST, taxes, and other levies payable by the contractor under the contract, or for any other cause, shall be included in the rates, prices and total Tender Price submitted by the Tenderer.

7.4 The rates and prices quoted by the Tenderer shall be fixed for the duration of the Contract and shall not be subject to adjustment on any account.

8. Tender validity

8.1 Tenders shall remain valid for a period not less than ninety days after the deadline date for tender submission specified in Clause 12. A tender valid for a shorter period shall be rejected by the Employer as non-responsive.

8.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the Tenderers may extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made in writing or by cable. A Tenderer may refuse the request without forfeiting his earnest money deposit. A Tenderer agreeing to the request will not be required or permitted to modify his tender, but will be required to extend the validity of his earnest money deposit for a period of the extension, and in compliance with Clause 9 in all respects.

9. Earnest money deposit

9.1 The Tenderer shall furnish, as part of his tender, earnest money deposit in the amount as shown in column 4 of the Table of IFT for this particular work. This earnest money deposit shall be paid in EProcurement portal only.

9.2 Clause deleted.

9.3 Any tender not accompanied by an acceptable earnest money deposit and not secured as indicated in

Sub-Clauses 9.1 and 9.2 above shall be rejected by the Employer as non-responsive.

9.4 The earnest money deposit of unsuccessful Tenderers will be returned within 30 days of the end of the tender validity period specified in Sub-Clause 8.1.

9.5 The earnest money deposit of the successful Tenderer will be discharged when the Tenderer has signed the Agreement and furnished the required Performance Security.

9.6 The earnest money deposit may be forfeited:

(a) if the Tenderer withdraws the Tender after tender opening during the period of tender validity; (b) if the Tenderer does not accept the correction of the Tender Price, pursuant to Clause 19; or

(c) in the case of a successful Tenderer, if the Tenderer fails within the specified time limit to

(i) sign the Agreement; or

(ii) furnish the required Security deposit

10. Format and signing of Tender

10.1 The Tenderer Should upload all the documents in the Eportal only.

10.2 All pages of the tender where entries or amendments have been made shall be initialed by the person signing the tender

10.3 The Tender shall contain no alterations or additions, except those to comply with instructions issued by the Employer, or as necessary to correct errors made by the Tenderer, in which case such corrections shall be initialed by the person signing the Tender.

D. Submission of Tenders

11. Submission of tenders

11.1 The Tenderer can access the Tender Documents on the website https://kppp.karnataka.gov.in/ under login for Contractors, the contractor fills the documents and submits the completed Tender Document into Electronic Tender on the website itself.

12. Deadline for submission of the Tenders

12.1 Tenders must be uploaded in the eprocurement portal before the due date and time as specified in the Eportal.

12.2 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Clause 5, in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

13. Late Tenders

13.1 Bidders cannot participate in the tender after the tender due date and time in the eportal, hence bidders have to upload the tender before the due date and time in the eportal.

14. Modification and Withdrawal of Tenders

14.1 Tenderers may modify the tender before the tender due date and time in the eportal.

14.2 Clause deleted.

14.3 No Tender may be modified after the deadline for submission of Tenders.

14.4 Withdrawal or modification of a Tender between the deadline for submission of Tenders and the expiration of the original period of Tender validity specified in Clause 8.1 above or as extended pursuant to Clause 8.2 may result in the forfeiture of the earnest money deposit pursuant to Clause 9.

1 4.5 Tenderers may only offer discounts to, or otherwise modify the prices of their Tenders by submitting Tender modifications in accordance with this clause, or included in the original Tender submission.

E. Tender opening and evaluation

15. Opening of First Cover of all Tenderers and evaluation to determine qualified Tenderers:

15.1 The Employer will open the First Covers of all the Tenderers received. In the event of the specified date of Tender opening being declared a holiday for the Employer, the Tenders will be opened at the appointed time on the next working day.

15.2 Clause deleted.

15.3 Clause deleted.

15.4 Clause deleted.

15.5 Clause deleted.

15.6 The Employer will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 2; (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause and (c) meets the minimum qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of qualified Tenderers.

16. Opening of Second Cover of qualified Tenderers and evaluation:

16.1 The Employer will open the second cover of all the Qualified Tenderers in the eportal.

16.2 Clause deleted.

16.3 Clause deleted.

16.4 The Employer shall prepare minutes of the Second Cover Tender opening.

17. Process to be confidential

17.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

18. Clarification of Tenders

18.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the Tenders in accordance with Clause 20.

18.2 Subject to sub-clause 18.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.

18.3 Any effort by the Tenderer to influence the Employer in the Employer’s Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers’ Tender.

19. Examination of Tenders and determination of responsiveness

19.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender; (a) has been properly signed; and; (b) is substantially responsive to the requirements of the Tender documents.

19.2 A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tender documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender documents, the

Employer's rights or the Tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.

19.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive

by correction or withdrawal of the nonconforming deviation or reservation.

20. Correction of errors

20.1 Tenders determined to be substantially responsive will be checked by the Employer for any arithmetic errors. Errors will be corrected by the Employer as follows:

(a) where there is a discrepancy between the rates in figures and in words, the lower of the two will govern[17]; and

(b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.

20.2 The amount stated in the Tender will be adjusted by the Employer in accordance with the above procedure for the correction of errors and, with the concurrence of the Tenderer, shall be considered as

binding upon the Tenderer. If the Tenderer does not accept the corrected amount the Tender will be

rejected, and the earnest money deposit may be forfeited in accordance with Sub-Clause 9.6 (b).

21. Evaluation and comparison of Tenders

21.1 The Employer will evaluate and compare only the Tenders determined to be substantially responsive in accordance with Clause 19.

21.2 In evaluating the Tenders, the Employer will determine for each Tender the evaluated Tender Price by adjusting the Tender Price as follows:

(a) making any correction for errors pursuant to Clause 20; and

(b) making appropriate adjustments to reflect discounts or other price modifications offered in accordance with Sub Clause 14.5.

21.3 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer.

Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the Tender documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Tender evaluation.

22. Award criteria

F. Award of Contract

22.1 Subject to Clause 24, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tender documents and who has offered the lowest evaluated Tender Price, provided that such Tenderer has been determined to be (a) eligible in accordance with the provisions of Clause 2, and (b) qualified in accordance with the provisions of Clause 3.

23. Employer's right to accept any Tender and to reject any or all Tenders

23.1 Notwithstanding Clause 22, the Employer reserves the right to accept or reject any Tender, and to cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the Employer's action.

24. Notification of award and signing of Agreement

24.1 The Tenderer whose Tender has been accepted will be notified of the award by the Employer prior to expiration of the Tender validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the *Conditions of Contract* called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").

24.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of Security deposit in accordance with the provisions of Clause 25.

24.3 The Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be kept ready for signature of the successful Tenderer in the office of Employer within 30 days following the notification of award along with the Letter of Acceptance. Within 20 days of receipt, the successful Tenderer will sign the Agreement and deliver it to the Employer.

24.4 Upon the furnishing by the successful Tenderer of the Performance Security, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.

25. Security deposit

25.1 Within 20 days of receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Security deposit in any of the forms given below for an amount equivalent to 5% of the Contract price :

- Cash or

- Banker's cheque/Demand draft,/Pay Order in favour of ..... payable at..... or
- A bank guarantee in the form given in Section 10; or
- Specified Small Savings Instruments pledged to .....

25.2 If the security deposit is provided by the successful Tenderer in the form of a Bank Guarantee, it shall be issued either by a Nationalized/Scheduled bank.

25.3 The security deposit if furnished in cash or demand draft can, if requested, be converted to interest bearing securities at the cost of the contractor.

25.4 Failure of the successful Tenderer to comply with the requirements of Sub-Clause 25.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Earnest money deposit.

26. Corrupt or Fraudulent practices

26.1 The GOK requires that the Tenderers/Suppliers/Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, GOK :

(a) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;

(b) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a

GOK contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a GOK contract.

26.2 Furthermore, Tenderers shall be aware of the provision stated in sub-clause 43.2 of the Conditions of Contract.

SECTION 3: QUALIFICATION INFORMATION

The information to be filled in by the Tenderer hereunder will be used for purposes of computing Tender capacity as provided for in Clause 3 of the Instructions to Tenderers. This information will not be incorporated in the Contract.

1.1 Constitution or legal status of Tenderer [Attach copy]

Place of Registration _____ (Attach Copy)

Principal place of business: _____

1.2	Total value of similar works executed and payments received in the last five years (in Rs. Lakhs)	2018 - 19_____
		2019 - 20_____
		2020 - 21_____
		2021- 22_____
		2022-23_____

1.3 Work performed as Prime Contractor (in the same name) on works of similar nature over during the five years specified in 1.2 above.

Sl.no	Project name	Name of the employer	Description of work	Contract number	Value of contract in lakhs	Date of issue of work order	Specified period of completion	Actual date of completion	Remarks for delay

1.4 Quantities of work executed as prime contractor (in the same name) during the last five years specified in 1.2 above:

Year	Name of Work	Name of Employer	Quantity of work performed			Remarks (Indicate contract reference)
2018 - 19						
2019 - 20						
2020-21						
2021-22						
2022-23						

1.5 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender.

(A) Existing commitments and on-going works:

Description of work	Place & state	Contract no and date	Name and address of employer	Value of contract in Rs lakhs	Stipulated period of completion	Value of works remaining to the completed in Rs lakhs	Anticipated date of completion

B) Works for which Tenders already submitted:

Description of work	Place & state	Name and address of employer	Estimated Value of works in Rs lakhs	Stipulated period of completion	Date of decision is expected	Remarks if any

1.6. The following items of equipment are considered essential for successfully carrying out the works. The Tenderer should furnish all the information listed below.

Name of the equipment	Requirement numbers and capacity	Owned	Owned number and capacity	Age/ condition	Remarks

1.7 Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the last five years;

1.8 Qualification and experience of the key technical and management personnel in permanent employment with the tenderer and those that are proposed to be deployed on this contract, if awarded.

1.9. Name, address, and telephone, telex, and fax numbers of the Tenderers' bankers who may provide references if contacted by the Employer.

1.10 Evidence of access to financial resources to meet the qualification requirement specified in ITT Clause3.3 (b): Cash in hand, Letter of Credit etc. List them below and attach certificate from the Banker in the suggested format as under:

BANKER'S CERTIFICATE

This is to certify that M/s. ……. is a reputed company with a good financial standing. If the contract for this work, namely …… (*name of the work)* is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs. ……. to meet the working capital requirements for executing the above contract

Sd/-

Name of the Bank, Senior Bank Manger

Address:

.....

1.11 Proposals for subcontracting components of works amounting to more than 20% of the contract price .

Item of Work	Value of Sub-Contract	Identified Sub-Contractor	Experience of similar work

1.12 Information on litigations in which the Tenderer is involved:

Other Party (ies)	Employer	Details of dispute	Amount involved	Remarks showing present status

SECTION 4: FORMS OF TENDER, LETTER OF ACEPTANCE, NOTICE TO PROCEED WITH THE WORK AND AGREEMENT FORM

Form of Tender

Description of the Works: _____

Tender

To : _____

Address : _____

-

Sir/Madam,

We offer to execute the Works described above in accordance with the Conditions of Contract accompanying this Tender.

This Tender and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any Tender you receive.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely “Prevention of Corruption Act 1988”.

We hereby confirm that this Tender complies with the Tender validity and Earnest money deposit required by the Tender documents.

We attach herewith our current income-tax clearance certificate.
Yours faithfully,

Authorized Signature:

Name & Title of Signatory: _____

Name of Tenderer _____
Address:

Letter of Acceptance

(letterhead paper of the Employer)

_____[date]

To:
[name and address of the Contractor]

Dear Sirs,

This is to notify you that your Tender dated _____ for execution of the

_____
[name of the contract and identification number, as given in the Instructions to Tenderers] for the Contract Price of Rupees —— (_____) [amount in words and figures], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by our Agency.

You are hereby requested to furnish Security deposit, in the form detailed in Para 25.1 of ITT for an amount of Rs.——————— within 20 days of the receipt of this letter of acceptance valid up to 30 days from the date of expiry of Defects Liability Period i.e. up to ..... and sign the contract, failing which action as stated

in Para 25.4 of ITT will be taken.

Yours faithfully,

Authorized Signature

Name and Title of Signatory

Name of Agency

Issue of Notice to proceed with the work

(letterhead of the Employer)

————————
(date)

To

———————————————————— (name and address of the Contractor)

————————————————————

————————————————
——— Dear Sirs:

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 25.1 and signing of the contract agreement for the construction of ———————— [27]a Tender Price of Rs.————————, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,
(Signature, name and title of signatory authorized to sign on behalf of Employer)

Agreement Form

Agreement

This agreement, made the _____ day of 20_____ ,

between_____

_____ _[name and address of Employer]

(hereinafter called "the Employer") of the one part and _____

_____[name and address of contractor]

(hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute _

_____

_____[name and identification number of Contract] (hereinafter called "the Works") and the Employer has accepted the Tender by the Contractor for the execution and completion of such Works and the remedying of any defects therein at a contract price of Rupees.....

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

   i) Letter of Acceptance;

   ii) Notice to proceed with the works;

   iii) Contractor's Tender;

   iv) Contract Data;

   v) Conditions of contract (including Special Conditions of Contract);

   vi) Specifications;

   vii) Drawings;

   viii) Bill of Quantities; and

   ix) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____

was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____

Binding Signature of _____
Employer

Binding Signature of _____
Contractor

SECTION 5: CONDITIONS OF CONTRACT

Table of Contents

A. General

1.	Definitions
2.	Interpretation
3.	Law governing contract
4.	Employers decisions
5.	Delegation
6.	Communications
7.	Subcontracting
8.	Other Contractors
9.	Personnel
1	Employer’s and Contractor’s risks
1	Employer’s risks
1	Contractor’s risks
1	Query about Contract Data
1	Contractor to construct the Works
1	The Works to be completed by Intended Completion Date
1	Safety
1	Discoveries
1	Possession of the Site
1	Access to the Site
2 0	Instructions

B. Time Control

21.	Program
22.	Extension of the Intended Completion Date
23.	Delays ordered by the Employer
24.	Management meetings

C. Quality Control

25.	Identifying defects
26.	Tests

27.	Correction of defects
28	Uncorrected defects

D. Cost Control

29	Bill of Quantities (BOQ)
30	Variations
31	Payment for Variations
32	Submission of bills for payment
33	Payments
34	Compensation events
35	Tax
36	Liquidated damages
37	Cost of repairs

E Finishing of Contract

38.	Completion
39.	Taking Over
40.	Final account
41.	As built drawings
42.	Termination
43	Payment upon termination
44.	Property
45.	Release from performance

F Special Conditions of Contract

Conditions of Contract

A. General

1. Definitions

1.1 Terms which are defined in the Contract Data are not also defined in the Conditions of Contract but keep their defined meanings. Bold letters are used to identify defined terms.

Bill of Quantities means the priced and completed Bill of Quantities forming part of the Tender.

Compensation events are those defined in Clause 34 hereunder.

The **Completion Date** is the date of completion of the Works as certified by the Employer in accordance with Sub Clause 38.1.

The **Contract** is the contract between the Employer and the Contractor to execute, complete and maintain the Works. It consists of the documents listed in Clause 2.3 below.

The **Contract Data** defines the documents and other information which comprise the Contract.

The **Contractor** is a person or corporate body whose Tender to carry out the Works has been accepted by the Employer.

The **Contractor's Tender** is the completed Tender document submitted by the Contractor to the Employer.

The **Contract price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

Days are calendar days; **months** are calendar months.

A **Defect** is any part of the Works not completed in accordance with the Contract.

The **Defects liability period** is the period named in the Contract Data and calculated from the Completion Date.

The **Employer** is the party who will employ the Contractor to carry out the Works.

Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

The **Initial Contract price** is the Contract Price listed in the Employer's Letter of Acceptance.

The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Employer by issuing an extension of time.

Materials are all supplies, including consumables, used by the contractor for incorporation in the Works.

Plant is any integral part of the Works which is to have a mechanical, electrical, electronic or chemical or biological function.

The **Site** is the area defined as such in the Contract Data.

Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Employer.

The **Start Date** is given in the Contract Data. It is the date when the Contractor shall commence execution of the works. It does not necessarily coincide with any of the Site Possession Dates.

A **Subcontractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the work in the Contract which includes work on the Site.

A **Variation** is an instruction given by the Employer which varies the Works.

The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the Contract Data.

2. Interpretation

2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Employer will provide instructions clarifying queries about the Conditions of Contract.

2.2 The documents forming the Contract shall be interpreted in the following order of priority: (1) Agreement

(2) Letter of Acceptance, notice to proceed with the works

(3) Contractor’s Tender

(4) Contract Data

(5) Conditions of Contract

(6) Specifications

(7) Drawings

(8) Bill of quantities and

(9) any other document listed in the Contract Data as forming part of the Contract.

3. Law governing contract

3.1 The law governing the Contract is the Laws of India supplanted by the Karnataka Local Acts.

4. Employer's decisions

4.1 Except where otherwise specifically stated, the Employer will decide contractual matters between the Employer and the Contractor .

5. Delegation

5.1 The Employer may delegate any of his duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. Communications

6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

7. Subcontracting

7.1 The Contractor may subcontract with the approval of the Employer but may not assign the Contract without the approval of the Employer in writing. Subcontracting does not alter the Contractor's obligations.

8. Other Contractors

8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer.

9. Personnel

9.1 The Contractor shall employ the technical personnel (of number and qualifications) as may be stipulated by GOK from time to time during the execution of the work. The technical staff so employed shall be available at site as may be stipulated by the Employer.

9.2 If the Employer asks the Contractor to remove a person who is a member of the Contractor’s staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

10. Employer’s and Contractor's risks

10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Employer's risks

11.1 The Employer is responsible for the excepted risks which are (a) in so far as rebellion, riot commotion or disorder or (b) a cause due solely to the design of the Works, other than the Contractor's design

12. Contractor's risks

12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

13. Queries about the Contract Data

13.1 The Employer will clarify queries on the Contract Data.

14. Contractor to do the Works

14.1 The Contractor shall do the Works in accordance with the Specifications.

15. The Works to be completed by the Intended Completion Date

15.1 The Contractor may commence execution of the Works on the Start Date and complete them by the Intended Completion Date.

16. Safety

16.1 The Contractor shall be responsible for the safety of all activities on the Site.

17. Discoveries

17.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site is the property of the Employer. The Contractor is to notify the Employer of such discoveries and carry out the Employer's instructions for dealing with them.

18. Possession of the Site

18.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Contract Data the Employer is deemed to have delayed the start of the relevant activities and this will be Compensation Event.

19. Access to the Site

19.1 The Contractor shall allow the Employer and any person authorized by the Employer access to the Site, to any place where

work in connection with the Contract is being carried out or is intended to be carried out and to any place where materials or plant are being manufactured / fabricated / assembled for the works.

20. Instructions

20.1 The Contractor shall carry out all instructions of the Employer which comply with the applicable laws where the Site is located.

B. Time Control

21. Program

21.1 Within the time stated in the Contract Data the Contractor shall submit to the Employer for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works.

21.2 The Employer's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Employer again at any time. A revised Program is to show the effect of Variations and Compensation Events.

22. Extension of the Intended Completion Date

22.1 The Employer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date.

22.2 The Employer shall decide whether and by how much to extend the Intended Completion Date within

21 days of the Contractor asking the Employer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information.

23. Delays ordered by the Employer

23.1 The Employer may instruct the Contractor to delay the start or progress of any activity within the Works.

24. Management meetings

24.1 The Employer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the progress achieved and the plans for remaining work.

24.2 The responsibility of the parties for actions to be taken is to be decided by the Employer either at the management meeting or after the management meeting and stated in writing to be distributed to all who attended the meeting.

25. Identifying defects

C. Quality Control

25.1 The Employer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a Defect and to uncover and test any work that the Employer considers may have a Defect

26. Tests

26.1 If the Employer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

27. Correction of defects

27.1 The Employer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.

27.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Employer’s notice.

28. Uncorrected defects

28.1 If the Contractor has not corrected a Defect within the time specified in the Employer’s notice, the Employer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

29. Bill of Quantities (BOQ))

D. Cost Control

29.1 The BOQ shall contain items for the work to be done by the Contractor.

29.2 The BOQ is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the BOQ for each item

30. Variations

30.1 The Employer shall have power to order the Contractor to do any or all of the following as considered necessary or advisable during the progress of the work by him

(a) Increase or decrease of any item of work included in the Bill of Quantities (BOQ); (b) Omit any item of work;

(c) Change the character or quality or kind of any item of work;

(d) Change the levels, lines, positions and dimensions of any part of the work;

(e) Execute additional items of work of any kind necessary for the completion of the works; and

(f) Change in any specified sequence, methods or timing of construction of any part of the work.

30.2 The Contractor shall be bound to carry out the work in accordance with any instructions in this connection, which may be given to him in writing by the Employer and such alteration shall not vitiate or invalidate the contract.

30.3 Variations shall not be made by the Contractor without an order in writing by the Employer, provided that no order in writing shall be required for increase or decrease in the quantity of an item appearing in the BOQ so long as the work executed conforms to the approved drawings.

30.4 The Contractor shall promptly request in writing the Employer to confirm verbal orders and if no such confirmation is received within 15 days of request, it shall be deemed to be an order in writing by the Employer.

31. Payments for Variations

31.1 Payment for increase in the quantities of an item in the BOQ up to 25% of that provided in the Bill of Quantities shall be made at the rates quoted by the Contractor.

31.2 For quantities in excess of 125% of the tendered quantity of an item as given in the BOQ, the Contractor shall be paid at the rate entered in or derived from in the Schedule of Rates (applicable for the area of the work and current at the time of award of contract)

plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.

31.3 If there is no rate for the additional, substituted or altered item of the work in the BOQ, efforts would be made to derive the rates from those given in the BOQ or the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) and if found feasible the payment would be made at the derived rate for the item plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract

31.4 If the rates for additional, substituted or altered item of work cannot be determined either as at 31.1 or 31.2 or 31.3 above, the Contractor shall be requested to submit his quotation for the items supported by analysis of the rate or rates claimed, within 7 days.

31.5 If the Contractor's quotation is determined unreasonable, the Employer may order the Variation and make a change to the Contract Price which shall be based on Employer’s own forecast of the effects of the Variation on the Contractor's costs.

31.6 If the Employer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.

31.7 Under no circumstances the Contractor shall suspend the work on the plea of non-settlement of rates for items falling under this Clause.

32. Submission of bills for payment

32.1 The Contractor shall submit to the Employer bills of the value of the work completed as per BOQ along with the details of work completion and geo tagging photos of each BOQ item.

32.2 The Employer shall check the Contractor's bill and determine the value of the work executed which shall comprise of (i) value of the quantities of the items in the BOQ completed and (ii) valuation of Variations and Compensation Events.

32.3 The Employer may exclude any item paid in a previous bill or reduce the proportion of any item previously paid in the light of later information.

33. Payments

33.1 80% of the total bill submitted by the contractor will be processed for Payments, remaining 20% payment will made after 31-03-2025 if 100% plantation is achieved. If the contractor does not raised and maintained the plant then the two times of the estimated cost will be withheld as penalty.

The Employer shall pay the Contractor the within 60 days of submission of bill.

33.2 Items of the Works for which no rate or price has been entered in will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

34. Compensation events

34.1 The following are Compensation events unless they are caused by the Contractor:

(a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.

(b) The Employer orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.

(c) The Employer instructs the Contractor to uncover or to carry out additional tests upon work which is then found to have no Defects.

(d) The Employer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons. (e) The effect on the Contractor of any of the Employer’s Risks.

(f) The Employer unreasonably delays issuing a Certificate of Completion.

(g) Other Compensation Events listed in the Contract Data or mentioned in the Contract.

34.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date is extended. The Employer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.

34.3 As soon as information demonstrating the effect of each Compensation event upon the Contractor's forecast cost has been provided by the Contractor, it is to be assessed by the Employer and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Employer shall adjust the Contract Price based on Employer’s own forecast. The Employer will assume that the Contractor will react competently and promptly to the event.

34.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Employer.

35. Tax

35.1 The rates quoted by the Contractor shall be deemed to be inclusive of the sales, GST and other taxes that the Contractor will have to pay for the performance of this Contract. The Employer will perform such duties in regard to the deduction of such taxes at source as per applicable law.

36. Liquidated damages

36.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the Contract Data for each day that the Completion Date is later than the Intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the Contract Data. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages does not affect the Contractor's liabilities.

36.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment of bill.

37. Cost of repairs

37.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Finishing the Contract

38. Completion

38.1 The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed.

39. Taking over

39.1 The Employer shall take over the Site and the Works within seven days of issuing a certificate of Completion.

40. Final account

40.1 The Contractor shall supply to the Employer a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 90 days of receiving the Contractor's account if it is correct and complete. If it is not, the Employer shall issue within 90 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Employer shall decide on the amount payable to

the Contractor and make payment within 60 days of receiving the Contractor's revised account.

41. As built drawings

41.1 If "as built" Drawings are required, the Contractor shall supply them by the dates stated in the Contract Data.

41.2 If the Contractor does not supply the Drawings by the dates stated in the Contract Data, or they do not receive the Employer's approval, the Employer shall withhold the amount stated in the Contract Data from payments due to the Contractor.

42. Termination

42.1 The Employer or the Contractor may terminate the Contract if the other party causes a fundamental breach of the Contract.

42.2 Fundamental breaches of Contract include, but shall not be limited to the following:

(a) the Contractor stops work for 45 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Employer;

(b) the Employer instructs the Contractor to delay the progress of the Works and the instruction is not withdrawn within 60 days;

(c) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction or amalgamation;

(d) a payment due to the Contractor is not paid by the Employer within 90 days of the date of the submission of the Bill by Contractor;

(e) the Employer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Employer;

(f) the Contractor does not maintain a security which is required;

(g) the Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the Contract data; and

(h) if the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in the executing the Contract.

For the purpose of this paragraph : "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution.

"Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non- competitive levels and to deprive the Borrower of the benefits of free and open competition."

42.3 When either party to the Contract gives notice of a breach of contract to the Employer for a cause other than those listed under Sub Clause 42.2 above, the Employer shall decide whether the breach is fundamental or not.

42.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

42.5 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

43. Payment upon Termination

43.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall prepare bill for the value of the work done less advance payments received up to the date of the bill, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

43.2 If the Contract is terminated at the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Employer shall prepare bill for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract, and less taxes due to be deducted at source as per applicable law and make payment accordingly.

44. Property

44.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor's default.

45. Release from performance

45.1 If the Contract is frustrated by any event entirely outside the control of either the Employer or the Contractor the Employer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe

and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made.

F. Special Conditions of Contract

1. Labour :

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Employer, deliver to the Employer a return in detail, in such form and at such intervals as the Employer may prescribe, showing the staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Employer may require.

2. Compliance with labour regulations :

During continuance of the contract, the Contractor and his sub contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or

notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, Employer shall have the right to deduct any money due to the Contractor including his amount of security deposit. The Employer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

3. Protection of Environment:

The contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation. During continuance of the contract, the

contractor and his sub-contractors shall abide at all times by all existing enactments on environmental protection and rules made there under, regulations, notifications and bye-laws of the State or Central Government, or local authorities and any other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the State or Central Government or the local authority.

SECTION 6: CONTRACT DATA

Items marked "N/A" do not apply in this Contract.

The following documents are also part of the Contract: **Clause Reference**

The Employer is :

Name: DCF, BBMP [1.1]

Address: Ground floor, Annex 2 building, N.R.Sqaure, Bengalur-560002

Name of authorized Representative: _____

The name and identification number of the Contract is

_____
[insert name and number as indicated in the Invitation for Tenders]. [1.1]

The Works consist of ---------- [brief summary, including relationship to other contracts under the Project].

The start date shall be the date of issue of notice to proceed with the work. [1.1] The Intended Completion Date for the whole of the Works is Raising and Maintenance of Monsoon Plantation in BBMP Bommanahalli Zone, Block-1 8000 Plants During 2022-23, and Maintenance of plants during the year 2023-24 and 2024-25 [15, 22]

The following documents also form part of the Contract: [2.2]

The Site Possession Date is one week after the issue of work order [18]

The Site is located at Bommanahalli block 1 [1.1]

The Defects_____ .
Liability Period is [27]

The liquidated damages for the whole of the works are

Rs.————————————— (amount) per day [36]

The maximum amount of liquidated damages for the whole of the works [36]

The amount to be withheld for failing to maintain the plant is Rs. Full amount of the BOQ. [41]

The following events shall also be fundamental breach of the contract : [42.2]

1. The contractor has contravened Sub-clause 7.1 and Clause 9 of CC.

The percentage to apply to the value of the work not completed representing the Employer's additional cost for completing the Works shall be 30percent. [43.1]

SECTION 7: SPECIFICATIONS

AS per BILL OF QUANTITIES (BOQ) Section 9

SECTION 8: DRAWINGS

NIL.

SECTION 9: BILL OF QUANTITIES (BOQ)

ESTIMATE

Name of Work: Raising and Maintenance of Compensatory Afforestation (K-RIDE Project (BSRP Project Corridor 02, Package 1 extending from Lottegollahalli to Chikkabanavara)in BBMP South Zone, in and arround NICE Road, 4890 Plants during the year 2023-24 and its maintenance (up to 5 years) during the year 2028-29, Block-2

No of pits 300 / Km **Espacement :- 7M x 7M**

14"x20" - 330 pbs **No of Plants 4890**

Sl. No.	CSSR Item No.	Particulars of the Work	Qnty.		Rate	Per	Amount
1	32(a)	Aligning in the planting area and marking for pit (without staking) (Aligning of pit in Stagerred design)	4,890	Pits	47 1.17	1000	2,304.02
2	38(i) (ii)	Excavation of pits by mechanical of size by 0.75m x 0.75m x 0.75m and 1m x 1m x 1m with vertically cut edges to make an uniform cube and heaping the excavated soil (1/3rd top soil on the upper side & 2/3rd on the lower side) (ii) Hard soil	4,890	Pits	163.81	1	801,030.90
3	Sub Estimate	Cost of Raising Seedlings in 14" x 20" PBs, including 10% Casuality Replacement	4,890	Sedl.	97.66	1	477,557.40
4	32 (c)	Refilling of pits, cutting of edge of the pit on the lower side and refilling 75% of the pit with the excavated soil, duly breaking the clods & formation of saucer shaped mound on the lower side of the pit	3668	Cmtr	28.23	Cmtr	103,533.53
5	**23** (f)	**Loading & Unloading of polythene bagged seedlings:** Loading of polythene-bagged seedlings into the vehicle at the nursery site and unloading at the site nearest to the planting site (including casuality replacement upto 10%) Seedlings raised in 14" x 20" size bags	5379	Pbs	11,621.20	1000	62,510.43
6	24 (f)	**Transportation**: Transportation of polythene-bagged seedlings in hired truck from the nursery site to planting site (including casuality replacement upto 10%) (iv) Seedlings raised in 14"x20" size bags: Distance from 21 to 30 Kms.	5379	Pbs	12,023.24	1000	64,673.01

7	26(d)	**Watering by dipping:** Watering polythene bagged seedlings at planting site in water, including carrying of water (including casuality replacement upto 10%) (14"x20")	5379	pbs	1,130.69	1000	6,081.98
8	32(f)(i)	Conveyance of tall seedlings raised in HDPE bags of size 14"x20" from the dumping point to the planting site near each pit on head load, fixing the supporting stake firmly in the pit, planting the tall seedling in the pit tying the seedling to the supporting stake at 3 points (excluding cost of supporting stake) (14"x20" planting)	5379	Plant	62.82	each	337,908.78
9	**RQ**	Purchase of NPK / DAP (100+100=200 gms per plant) 2 times	978 4890	KG pbs	34.00	KG	33,252.00
10	38 (e)	Application of chemical fertilizer around the plants about 15 cm. away in a furrow duly covering with soil (excluding the cost of fertilizer) in **two equal split doses. ***	4890	Plants	502.46	1000	4,914.06
11	29 (j)	**Saucer Bharav:** Scraping out of grass and weeds to a radius of 50 cms around the plant, earthening up of soil in the form of a semi-circular slanting saucer shape slope, loosening of boulders if any with soil by using pickaxe and arranging the loosened boulders and soil in semi-circular fashion at the lower side of the plant (Dimension 80 cms diameter and 25 cms depth at deepest point)	4,890	Plants	13,819.77	1000	67,578.68
12	32 (j)	First Weeding around the plants (pit) to radius of 60 cm (Aug)	4890	Plants	1,570.36	1000	7,679.06
13	32 (o)	Scraping of grass and other growth around the plant to a radius of 1 m. (Nov-Dec)	4890	plants	10,823.32	1000	52,926.03
14	32 (m)	Hoeing & soil working with pickaxe around the plant to a depth of 15cm. & to a radius of 60 cm. so as to loosen the soil around the plants (pits only). (Nov-Dec)	4890	plants	6,281.75	1000	30,717.76
15	32(p)(ii)	Watering to the seedlings along roadside and in the city limits at 50 liters/plants 5 **times (One watering if planted in May, 5 watering in Jan, Feb & March)**	4890	plants	36.67	Each	896,581.50
16	wage	Protection of plantation as per the standard norms (for 3 km as a unit during the year and pro-rata for different extent for the actual period)	1494	days	531.58	3 km	794,269.12
17	32 €	Supply of 2.5 to 3.0 mtr length wooden stakes of sufficient stoutness and strength from private parties including application of coal tar to the stake, transporation and delivering.	4890	nos	1813.42	100	88,676.24

18	92	Fabrication and Supply of bamboo tree guards of size horizontal 36" length 18 bamvoo strips of 1" wide spacing 1" strip to strip put 4 holes to each by twisting galvanized steel wire of 16 guage of Taqta make. Leaving 6" wire at both the ends free for tying purposes, immersing the tree guard in 5% coper-chromearsenic compound solution for 7 days, drying stacking complete (incusive of cost of steel wire, chemicla ofr treatment and inclusive of cost of bamboo (wherever necessary)	4890 Nos	408.23	each	1,996,244.70
19		Miscellaneous, Unforeseen & rounding off				57.050
			Total			**5,828,496.00**

Estimate for Maintenance of one Year old plantations during the year 2024-25

For 300 plants (unit/ha.) 14"x 20" 4,890

Sl. No.	CSSR Item No.	Particulars of Works	Qty.	Rate	Per	Amount
1	41(a)	Re-opening of pits of size 0.75mx0.75mx0.75m for replacement of casualities - 30 pits	206.30 Cum	91.22	Cum	18,818.40
2	41(b)	Refilling of pits, cutting of edge of the pit on the lower side and refilling 75% of the pit with the excavated soil duty breaking the clods and formation of saucer shaped mound on the lower side of the pit size 0.75m x 0.75m x 0.75m for replacement of casualities	489 Pits	15.21	Pits	7,437.69
3	23(f)	**Loading & Unloading**: Loading of polythene-bagged seedlings into the vehicle at the nursery site and unloading at the site nearest to the planting site Seedlings raised in 14" x 20" size bags	489 pbs	14061.65	1000	6,876.15
4	24(f)	**Transportation**: Transportation of polythene-bagged seedlings in hired truck from the nursery site to planting site (iii) Distance from 21 to 30 Km	489 pbs	14548.12	1000	7,114.03
5	26(d)	**Watering by dipping:** Watering polythene bagged seedlings at planting site in water, including carrying of water (including casuality replacement upto 10%) (14"x20")	489 pbs	1368.13	1000	669.02

6	41 (c)	Conveyance of tall seedlings raised in HDPE bags of size 14"x20" from the dumping point to the planting site near each pit on head load, fixing the supporting stake firmly in the pit, planting the tall seedling in the pit tying the seedling to the supporting stake at 3 points (excluding cost of supporting stake) (14"x20" planting)	489	Plant	76.01	each	37,168.89
7	**RQ**	**Purchase of DAP (100+100=200 gms per plant) 2 times**	978 4,890	KG pbs	41.14	kg	40,234.92
8	38(e)	Application of chemical fertilizer around the plants about 15 cm. away in a furrow duly covering with soil (excluding the cost of fertilizer) in two equal split doses. *	4,890	plants	607.98	1000	5,946.04
9	RQ	Procurement & transportation of 10' feet length & 10-15 cm girth Marihala Bamboo / wooden Stakes / Debarked Eucalyptus stakes. Each of the sticks is to be dipped in hot liquid coal tar to a minimum length of 5 feet.	489	plants	67.60	each	33,056.40
10	41 (d)	Cutting & collection of Prosopis juliflora (PJ) branches loading the same into the lorry & unloading at the planting site (8-10 branches per tall plant)	489	Plant	45.53	each	22,264.17
11	41 (e)	Conveyance of P.J. branches to individual pit, tying P.J.branches around the supporting stake properly covering the tall plant with P.J.thorny branches to a height of more than 2m and tying the P.J.branches with G.I.wire at 3 places (10 P.J.branches to be used for tying the fall seedling). Alternately phoenix leaves could be used depending on availability.	489	Plant	53.17	each	26,000.13
12	32 (j)	First Weeding around the plants (pit) to radius of 60 cm (Aug-Sep)	4,890	Plants	1900.14	1000	9,291.68
13	41(h)	Scraping of grass and other growth around the tall plant to a radius of 60 cm (Pits) (Nov-Dec)	4,890	plants	4712.53	1000	23,044.27
14	41(i)	Hoeing & soil working with pickaxe around the plant to a depth of 15cm. & to a radius of 60 cm. so as to loosen the soil around the plants (pits only). (Nov-Dec)	4,890	plants	7600.92	1000	37,168.50
15	32(p)(ii)	Watering to the seedlings along roadside and in the city limits at 50 liters/plants - **3 times (@ only 15 days April & May)**	4,890	plants	44.37	Each	650,907.90

16	Wage	Protection of plantation as per the standard norms (for 3 km as a unit during the year and pro-rata for different extent for the actual period)	1983 days	643.21	days	1,275,592.63
17		Miscellaneous, Unforeseen & rounding off				10,138.60
As per 2022-23 SSR Rate Total (Rate Escalated to 2024-25)						**2,211,729.00**

Estimate for maintenance of 2nd year old plantation during the year 2025-26

For 300 plants (unit/ha.) 4,890

Sl. No.	CSSR Item No.	Particulars of Works	Qty.		Rate	Per	Amount
1	41(f)	First Weeding around the plants (pit) to radius of 60 cm (Aug)	4,890	Plants	2090.15	1000	10,220.83
2	41(h)	Scraping of grass and other growth around the tall plant to a radius of 60 cm (Pits) (Nov-Dec)	4,890	plants	5183.78	1000	25,348.68
3	41(i)	Hoeing & soil working with pickaxe around the plant to a depth of 15cm. & to a radius of 60 cm. so as to loosen the soil around the plants (pits only). (Nov-Dec)	4,890	pits	8361.01	1000	40,885.34
4	RQ	Procurement & transportation of 10' feet length & 10-15 cm girth Marihala Bamboo / wooden/ Eucalyptus Stakes. Each of the Bamboo / wooden sticks is to be dipped in hot liquid coal tar to a minimum length of 5 feet	489	plants	74.36	each	36,362.04
5	41(d)	Cutting & collection of Prosopis juliflora (PJ) branches loading the same into the lorry & unloading at the planting site (8-10 branches per plant)	489	Plant	50.09	each	24,494.01
6	41(e)	Conveyance of P.J. branches to individual pit, tying P.J.branches around the supporting stake properly covering the tall plant with P.J.thorny branches to a height of more than 2m and tying the P.J.branches with G.I.wire at 3 places (10 P.J.branches to be used for tying the tall seedlings)	489	Plant	58.48	each	28,596.72
7	wage	Protection of plantation as per the standard norms (for 3 km as a unit during the year and pro-rata for different extent for the actual period) 365 days	1983	Kms	707.53	day	1,403,149.91
8		Misc & documentation					68.623
As per 2022-23 SSR Rate Total (Rate Escalated to 2025-26)							**1,569,126.00**

Estimate for maintenance of 3rd year old plantation during the year 2026-27

For 300 plants (unit/ha.) 4,890

Sl. No.	CSSR Item No.	Particulars of Works	Qty.		Rate	Per	Amount
1	41(f)	First Weeding around the plants (pit) to radius of 60 cm (Aug)	4,890	Plants	2299.16	1000	11,242.89
2	41(h)	Scraping of grass and other growth around the tall plant to a radius of 60 cm (Pits) (Nov-Dec)	4,890	plants	5702.16	1000	27,883.56
3	41(i)	Hoeing & soil working with pickaxe around the plant to a depth of 15cm. & to a radius of 60 cm. so as to loosen the soil around the plants (pits only). (Nov-Dec)	4,890	pits	9197.11	1000	44,973.87
4	RQ	Procurement & transportation of 10' feet length & 10-15 cm girth Marihala Bamboo / wooden/ Eucalyptus Stakes. Each of the Bamboo / wooden sticks is to be dipped in hot liquid coal tar to a minimum length of 5 feet	489	plants	81.8	each	40,000.20
5	41(d)	Cutting & collection of Prosopis juliflora (PJ) branches loading the same into the lorry & unloading at the planting site (8-10 branches per plant)	489	Plant	55.09	each	26,939.01
6	41(e)	Conveyance of P.J. branches to individual pit, tying P.J.branches around the supporting stake properly covering the tall plant with P.J.thorny branches to a height of more than 2m and tying the P.J.branches with G.I.wire at 3 places (10 P.J.branches to be used for tying the tall seedlings)	489	Plant	64.33	each	31,457.37
7	wage	Protection of plantation as per the standard norms (for 3 km as a unit during the year and pro-rata for different extent for the actual period) 365 days	1983	Kms	778.29	day	1,543,478.79
8		Misc & documentation					48.90
As per 2022-23 SSR Rate Total (Rate Escalated to 2026-27)							**1,726,025.00**

Estimate for maintenance of 4th year old plantationduring the year 2027-28

For 300 plants (unit/ha.) 4,890

Sl. No.	CSSR Item No.	Particulars of Works	Qty.	Rate	Per	Amount

1	41(f)	First Weeding around the plants (pit) to radius of 60 cm (Aug)	4,890	Plants	2,529.08	1000	12,367.20
2	41(h)	Scraping of grass and other growth around the tall plant to a radius of 60 cm (Pits) (Nov-Dec)	4,890	plants	6,272.37	1000	30,671.89
3	41(i)	Hoeing & soil working with pickaxe around the plant to a depth of 15cm. & to a radius of 60 cm. so as to loosen the soil around the plants (pits only). (Nov-Dec)	4,890	pits	10,116.82	1000	49,471.25
4	RQ	Procurement & transportation of 10' feet length & 10-15 cm girth Marihala Bamboo / wooden/ Eucalyptus Stakes. Each of the Bamboo / wooden sticks is to be dipped in hot liquid coal tar to a minimum length of 5 feet	489	plants	89.98	each	44,000.22
5	41(d)	Cutting & collection of Prosopis juliflora (PJ) branches loading the same into the lorry & unloading at the planting site (8-10 branches per plant)	489	Plant	60.60	each	29,633.40
6	41(e)	Conveyance of P.J. branches to individual pit, tying P.J.branches around the supporting stake properly covering the tall plant with P.J.thorny branches to a height of more than 2m and tying the P.J.branches with G.I.wire at 3 places (10 P.J.branches to be used for tying the tall seedlings)	489	Plant	70.77	each	34,606.53
7	wage	Protection of plantation as per the standard norms (for 3 km as a unit during the year and pro-rata for different extent for the actual period) 365 days	1983	Kms	856.11	day	1,697,808.82
8		Misc & documentation					146.70
As per 2022-23 SSR Rate Total (Rate Escalated to 2027-28)							**1,898,706.00**

Estimate for maintenance of 5th year old plantation during the year 2028-29

For 300 plants (unit/ha.) 4,890

Sl. No.	CSSR Item No.	Particulars of Works	Qty.		Rate	Per	Amount
1	41(f)	First Weeding around the plants (pit) to radius of 60 cm (Aug)	4,890	Plants	2781.99	1000	13,603.93
2	41(h)	Scraping of grass and other growth around the tall plant to a radius of 60 cm (Pits) (Nov-Dec)	4,890	plants	6899.61	1000	33,739.09

3	41(i)	Hoeing & soil working with pickaxe around the plant to a depth of 15cm. & to a radius of 60 cm. so as to loosen the soil around the plants (pits only). (Nov-Dec)	4,890	pits	11128.5	1000	54,418.37
4	wage	Protection of plantation as per the standard norms (for 3 km as a unit during the year and pro-rata for different extent for the actual period) 365 days	1983	Kms	941.73	day	1,867,607.55
As per 2022-23 SSR Rate Total (Rate Escalated to 2028-29)							**1,969,369.00**

Rasing and maintenance of Compensatory Afforestation Datasheet for 300 Plants (1 Km) 14*20 Seedlings

Sl No	Year	Abstract	Amount
1	2023-24	**Raising of Compensatory Plantation**	5,828,496.00
2	2024-25	**1st Year Maintenance**	2,211,729.00
3	2025-26	**2nd Year Maintenance**	1,569,126.00
4	2026-27	**3rd Year Maintenance**	1,726,025.00
5	2027-28	**4th Year Maintenance**	1,898,706.00
6	2028-29	**5th Year Maintenance**	1,969,369.00
	Grand Total		**15,203,451.00**

Note:

(1) Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities (refer: ITB Clause 7.2 and CC Clause 33.2).

(2) Unit rates and prices shall be quoted by the Tenderer in Indian Rupees.

(3) Where there is a discrepancy between the rate in figures and words, the lower of the two will govern. [ITB Clause 20.1(a)]

(4) Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity, the unit rate quoted shall govern [ITB Clause 20.1 (b)]

(5) The rates should be quoted in Eportal only.

SECTION 10: FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT

To: _____ *[name of Employer]*

_____ *[address of Employer]*

WHEREAS _____ *[name and address of Contractor]* (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated to execute

_____ *[name of Contract and brief description of Works]* (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rs. *[amount of guarantee]*

[37] _Rupees *[in words]*, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of

_____ *[amount of guarantee]*[38] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 30 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor _____

Name of Bank _____

Address _____

Date ___